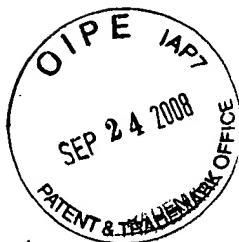


# Knobbe Martens Olson & Bear LLP

Intellectual Property Law

09.25.08  
1 PW  
2040 Main Street  
Fourteenth Floor  
Irvine, CA 92614  
Tel 949-760-0404  
Fax 949-760-9502  
www.kmob.com



Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : IMRAA.015C1  
Applicants : Martin E. Fermann  
For : MODE-LOCKED MULTI-MODE FIBER  
LASER PULSE SOURCE  
Agent : Sabrina Jacob  
"Express Mail" Label No. : EV 971523760 US  
Date of Deposit : September 24, 2008

I hereby certify that the accompanying

Transmittal letter; A paper titled Submission of Two Supplemental Information Disclosure Statements Under 37 C.F.R. § 1.97(i); Supplemental Information Disclosure Statement #1 – Documents Related to Litigation and Reexamination; Information Disclosure Statement, PTO Form PTO/SB/08 Equivalent listing 59 references and enclosing 59 references; Supplemental Information Disclosure Statement #2 – Patent and Non-Patent Literature Documents; Information Disclosure Statement, PTO Form PTO/SB/08 Equivalent listing 93 references and enclosing 33 references; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

A handwritten signature in black ink, appearing to read "Sabrina Jacob", written over a horizontal line.

Sabrina Jacob

5978125  
092408

San Diego  
619-235-8550

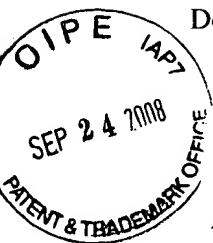
San Francisco  
415-954-4114

Los Angeles  
310-551-3450

Riverside  
951-781-9231

Seattle  
206-405-2000

Washington, DC  
202-640-6400



Please Direct All Correspondence to Customer Number **20995**

**TRANSMITTAL LETTER**

Applicant : Martin E. Fermann  
App. No : 09/785,944  
Filed : February 16, 2001  
For : MODE-LOCKED MULTI-MODE FIBER  
LASER PULSE SOURCE  
Examiner : Hrayr A. Sayadian  
Art Unit : 2828  
Conf. No. : 7227

**Mail Stop Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) A paper titled Submission of Two Supplemental Information Disclosure Statements Under 37 C.F.R. § 1.97(i)
- (X) Supplemental Information Disclosure Statement #1 – Documents Related to Litigation and Reexamination, including a PTO/SB/08 equivalent listing 59 references and enclosing 59 references for consideration.
- (X) Supplemental Information Disclosure Statement #2 – Patent and Non-Patent Literature Documents, including a PTO/SB/08 equivalent listing 93 references and enclosing 33 references for consideration.
- (X) Return prepaid postcard.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

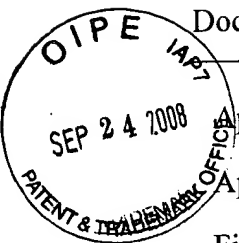
Steven P. Ruden, Ph.D.

Registration No. 53,538

Attorney of Record

Customer No. 20,995

(949) 760-0404



Applicant : Martin E. Fermann  
App. No : 09/785,944  
Filed : February 16, 2001  
For : MODE-LOCKED MULTI-MODE  
FIBER LASER PULSE SOURCE  
Examiner : Hrayr A. Sayadian  
Art Unit : 2828  
Conf. No. : 7227

**SUBMISSION OF TWO SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENTS UNDER 37 C.F.R. § 1.97(i)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are two Supplemental Information Disclosure Statements (PTO/SB/08 Equivalents) and copies of foreign patent documents and non-patent literature documents listed on the two PTO/SB/08 Equivalents.

The above-identified application is undergoing appeal. If the references listed on the two Supplemental Information Disclosure Statements cannot be considered prior to the disposition of the appeal, Applicant respectfully requests the two Supplemental Information Disclosure Statements and enclosed references be placed in the file pursuant to 37 C.F.R. § 1.97(i). No fee is required.

Status of Litigation Relating to U.S. Patent No. 5,818,630

The assignee of the above-identified application owns U.S. Patent No. 5,818,630 (the '630 Patent), which has the same inventors as the above-identified application and is incorporated by reference therein. The assignee, IMRA America, Inc. ("IMRA") is currently involved in litigation with IPG Photonics Corporation ("IPG") relating to the '630 Patent. The litigation, *IMRA America, Inc. v. IPG Photonics Corporation*, was filed in federal court in the Eastern District of Michigan on November 16, 2006 (Case No. 2:06-cv-15139).

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**Appl. No.** : 09/785,944  
**Filed** : February 16, 2001

**Docket No.** IMRAA.015C1  
**Customer No.** 20,995

On December 21, 2007, IPG requested ex parte reexamination of the '630 Patent. This initial request for reexamination and a subsequent corrected request dated January 22, 2008 were not granted for failure to comply with reexamination request filing requirements. IPG filed a replacement request for ex parte reexamination on March 12, 2008, which was granted by the Patent Office on June 3, 2008. The ex parte reexamination is currently pending as Application No. 90/008,971, filed March 12, 2008. On April 3, 2008, the litigation was stayed pending completion of the reexamination of the '630 Patent.

Supplemental Information Disclosure Statements

Applicant is enclosing two Supplemental Information Disclosure Statements:

(1) Supplemental Information Disclosure Statement No. 1 – Documents Related to Litigation and Reexamination - includes documents, such as pleadings, motions, interrogatory responses, depositions, expert reports, reexamination requests, and exhibits to these documents that have been filed with the District Court or the Patent Office. Applicant wishes to point out that the three reexamination requests submitted by IPG (citation nos. 6-8 on Supplemental Information Disclosure Statement No. 1) include arguments and discussion by IPG or its attorneys relating to the claims of the '630 Patent.

(2) Supplemental Information Disclosure Statement No. 2 – Patent and Non-Patent Literature Documents – includes documents such as U.S. and foreign patents and patent publications and non-patent literature documents, which have been produced in the litigation.

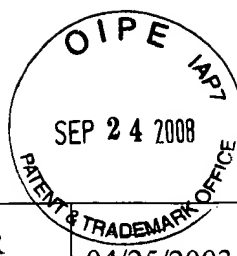
Status of Applications owned by IMRA

For the Examiner's convenience, Applicants direct the Examiner to the patent family of the present application summarized in the table below.

No.	Serial Number	Title	Filed	Relationship/ Status
1.	09/199,728	MODE-LOCKED MULTI-MODE FIBER LASER PULSE SOURCE	11/25/1998	Parent Application; Issued as U.S. Pat. No. 6,275,512
2.	09/785,944	MODE-LOCKED MULTI-MODE FIBER LASER PULSE SOURCE	02/16/2001	<b>The present application;</b> Continuation of the '728 Application; Currently on appeal



Appl. No. : 09/785,944  
Filed : February 16, 2001



Docket No. IMRAA.015C1  
Customer No. 20,995

3.	10/424,220	MULTI-MODE FIBER AMPLIFIER	04/25/2003	Continuation of the '728 application and the '944 application; Pending
4.	10/850,509	MODE-LOCKED MULTI-MODE FIBER LASER PULSE SOURCE	05/20/2004	Continuation of the '728 application, the '944 application, and the present application; Abandoned

In addition, Applicants direct the Examiner's attention to the following applications also owned by IMRA, which contain subject matter relating to multi-mode fibers and systems.

No.	Serial Number	Title	Filed	Relationship/ Status
1.	08/822,967	QUASI-PHASE-MATCHED PARAMETRIC CHIRPED PULSE AMPLIFICATION SYSTEMS	03/21/1997	Issued as U.S. Pat. No. 6,181,463
2.	09/226,241	QUASI-PHASE-MATCHED PARAMETRIC CHIRPED PULSE AMPLIFICATION SYSTEMS	07/16/1998	CIP of (1); Issued as U.S. Pat. No. 6,208,458
3.	09/317,221	MICROCHIP YB FIBER HYBRID OPTICAL AMPLIFIER FOR MICRO-MACHINING AND MARKING	05/24/1999	CIP of (2); Abandoned
4.	10/646,662	MICROCHIP YB FIBER HYBRID OPTICAL AMPLIFIER FOR MICRO-MACHINING AND MARKING	08/22/2003	Continuation of (3); Abandoned
5.	10/927,374	HIGH ENERGY OPTICAL FIBER AMPLIFIER FOR PICOSECOND-NANOSECOND PULSES FOR ADVANCED MATERIAL PROCESSING APPLICATIONS	08/27/2004	Continuation of (4); Abandoned
6.	10/958,593	OPTICAL AMPLIFIER SYSTEM FOR MICROMACHINING AND MARKING	10/06/2004	Continuation of (4); Abandoned
7.	11/141,704	MICROCHIP-YB FIBER HYBRID OPTICAL AMPLIFIER FOR MICRO-MACHINING AND MARKING	06/01/2005	Continuation of (4); Pending

**Appl. No.** : 09/785,944  
**Filed** : February 16, 2001

**Docket No.** IMRAA.015C1  
**Customer No.** 20,995

<b>No.</b>	<b>Serial Number</b>	<b>Title</b>	<b>Filed</b>	<b>Relationship/ Status</b>
8.	11/372,185	MICROCHIP-YB FIBER HYBRID OPTICAL AMPLIFIER FOR MICRO-MACHINING AND MARKING	03/10/2006	Continuation of (6); Pending
9.	11/339,679	FIBER LASER SYSTEM WITH INCREASED OPTICAL DAMAGE THRESHOLD	01/26/2006	Continuation of (7); Issued as U.S. Pat. No. 7,190,511
10.	11/643,760	MICROCHIP-YB FIBER HYBRID OPTICAL AMPLIFIER FOR MICRO-MACHINING AND MARKING	12/22/2006	Continuation of (9); Pending

Also, as noted above, the '630 Patent is undergoing ex parte re-examination as Application No. 90/008,971, filed March 12, 2008.

As the Examiner is aware, the files of these applications may contain office actions, attorney arguments, allowed claims or indications of allowable subject matter, and cited references which the Examiner may consider to be relevant and/or material to the present application. In addition, as some of these applications are still pending, future office actions, attorney arguments, allowed claims or indications of allowable subject matter, notices of allowances, and cited references may be included in these files. Applicants understand that the Examiner has access to these files on a continuing basis, including any present or future office actions, attorney arguments, allowed claims or indications of allowable subject matter, or cited references listed therein, for review if the Examiner feels these documents are in any way relevant or material to the examination of the present claims. If, however, the Examiner does not have access to these files or would like Applicants to provide copies of any office actions, attorney arguments, allowed claims or indication of allowable subject matter, or cited references, the Examiner is requested to contact the undersigned at the below-listed phone number or at the address of record.

Appl. No. : 09/785,944  
Filed : February 16, 2001

Docket No. IMRAA.015C1  
Customer No. 20,995

The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: September 24, 2008

By: SP Ruden

Steven P. Ruden, Ph.D.  
Registration No. 53,538  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

5975201

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT # 1 –  
DOCUMENTS RELATED TO LITIGATION AND REEXAMINATION**

Applicant : Fermann, et al.  
App. No : 09/785,944  
Filed : February 16, 2001  
For : MODE-LOCKED MULTI-MODE  
FIBER LASER PULSE SOURCE  
Examiner : Hrayr A. Sayadian  
Art Unit : 2828  
Conf. No. : 7227

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Supplemental Information Disclosure Statement No. 1 is filed in the above-identified application concurrently with the paper titled Submission of Supplemental Information Disclosure Statements Under 37 C.F.R. § 1.97(i) ("Submission Letter"). A PTO/SB/08 Equivalent is attached that lists 59 non-patent literature references to be considered by the Examiner. Copies of the 59 references are enclosed.

As noted in the Submission Letter, this Supplemental Information Disclosure Statement No. 1 – Documents Related to Litigation and Reexamination – includes documents, such as pleadings, motions, interrogatory responses, depositions, expert reports, reexamination requests, and exhibits to these documents, that have been filed with the District Court in the litigation *IMRA America, Inc. v. IPG Photonics Corporation* (Case No. 2:06-cv-15139) or with the Patent Office in the ex parte reexamination of U.S. Patent 5,818,630 (Reexamination Application Serial No. 90/008,971 filed March 12, 2008). Applicants note that Supplemental Information Disclosure Statement No. 2 – Patent and Non-Patent Literature Documents – is being filed concurrently herewith and includes documents such as U.S. and foreign patents and patent publications and non-patent literature documents, which have been produced in this litigation.



**Appl. No.** : 09/785,944  
**Filed** : February 16, 2001

**Docket No.** IMRAA.015C1  
**Customer No.** 20,995

The present application is undergoing appeal. Applicant respectfully requests consideration of the references listed herein; however, if the references cannot be considered prior to the disposition of the appeal, Applicant respectfully requests this Supplemental Information Disclosure Statement No. 1 and enclosed references be placed in the file pursuant to 37 C.F.R. § 1.97(i). No fee is required.

The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

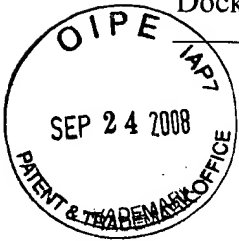
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Sept. 24, 2008

By: SP Ruden  
Steven P. Ruden, Ph.D.  
Registration No. 53,538  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

5975524



**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT # 2 –  
PATENT AND NON-PATENT LITERATURE DOCUMENTS**

Applicant : Martin E. Fermann  
App. No : 09/785,944  
Filed : February 16, 2001  
For : MODE-LOCKED MULTI-MODE  
FIBER LASER PULSE SOURCE  
Examiner : Hrayr A. Sayadian  
Art Unit : 2828  
Conf. No. : 7227

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Supplemental Information Disclosure Statement No. 2 is filed in the above-identified application concurrently with the paper titled Submission of Supplemental Information Disclosure Statements Under 37 C.F.R. § 1.97(i) ("Submission Letter"). A PTO/SB/08 Equivalent is attached that lists 60 U.S. Patents and Patent Publications, 9 foreign patent documents, and 24 non-patent literature documents to be considered by the Examiner. Copies of 33 foreign patent and non-patent literature documents are enclosed.

As noted in the Submission Letter, this Supplemental Information Disclosure Statement No. 2 – Patent and Non-Patent Literature Documents – includes documents, such as U.S. and foreign patents and patent publications and non-patent literature documents, that have been produced in the litigation, *IMRA America, Inc. v. IPG Photonics Corporation*, filed in federal court in the Eastern District of Michigan (Case No. 2:06-cv-15139). Applicants note that Supplemental Information Disclosure Statement No. 1 – Documents Related to Litigation and Reexamination – is being filed concurrently herewith and includes documents such as, pleadings, motions, interrogatory responses, depositions, reexamination requests, and exhibits to these documents that have been filed with the District Court or the Patent Office.

**Appl. No.** : 09/785,944  
**Filed** : February 16, 2001

**Docket No.** IMRAA.015C1  
**Customer No.** 20,995

The present application is undergoing appeal. Applicant respectfully requests consideration of the references listed herein; however, if the references cannot be considered prior to the disposition of the appeal, Applicant respectfully requests this Supplemental Information Disclosure Statement No. 2 and enclosed references be placed in the file pursuant to 37 C.F.R. § 1.97(i). No fee is required.

The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Sept. 24, 2008

By: SP Ruden  
Steven P. Ruden, Ph.D.  
Registration No. 53,538  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

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